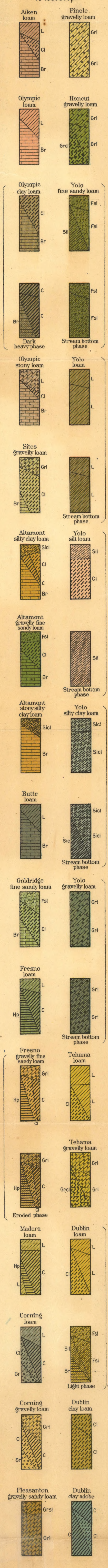
U.S. DEPT. OF AGRICULTURE
BUREAU OF SOILS
MILTON WHITNEY, CHIEF
CURTIS F. MARBUT, IN CHARGE SOIL SURVEY

SOIL MAP
CALIFORNIA
HEALDSBURG SHEET

UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXPERIMENT STATION
THOMAS F. HUNT, DIRECTOR.
CHARLES F. SHAW, IN CHARGE SOIL SURVEY

SOIL PROFILE
(6 feet deep)



LEGEND

L Loam
Cl Clay loam
Br Bed rock
C Clay
Grl Gravelly loam
Sicl Silty clay loam
Fsl Fine sandy loam
Hp Hardpan
Gr Gravel
Grsl Gravelly sandy loam
Sil Silt loam
Grcl Gravelly clay loam

LEGEND

Aiken loam (Al)
Honcut gravelly loam (Hl)
Olympic loam (Ol)
Yolo fine sandy loam (Yf)
Olympic clay loam (Oc)
Yolo fine sandy loam, Stream bottom phase (Yf)
Yolo loam (Yl)
Olympic clay loam, Dark heavy phase (Oc)
Olympic stony loam (Os)
Yolo loam, Stream bottom phase (Yl)
Sites gravelly loam (S)
Yolo silt loam (Ys)
Altamont silty clay loam (Ac)
Yolo silt loam, Stream bottom phase (Ys)
Altamont gravelly fine sandy loam (A)
Yolo silty clay loam (Yc)
Altamont stony silty clay loam (Ac)
Yolo silty clay loam, Stream bottom phase (Yc)
Butte loam (B)
Yolo gravelly loam (Yg)
Goldridge fine sandy loam (Gs)
Yolo gravelly loam, Stream bottom phase (Yg)
Fresno loam (F)
Tehama loam (Tl)
Fresno gravelly fine sandy loam (Fl)
Tehama gravelly loam (Tl)
Dublin loam (Dl)
Fresno gravelly fine sandy loam, Eroded phase (Fl)
Madera loam (M)
Dublin loam, Light phase (Dl)
Corning loam (Cl)
Dublin clay loam (Dc)
Corning gravelly loam (Cg)
Dublin clay adobe (D)
Pleasanton gravelly sandy loam (Pg)
Rough mountainous land (R)
Pinole gravelly loam (P)
Riverwash (Rw)

CONVENTIONAL SIGNS

CULTURE
(Printed in black)

City or Village, Roads, Buildings, Wharves, Jetties, Breakwater, Levee, Lighthouse, Fort.
Secondary roads and Trails
Railroads Steam and Electric
Bridges, Ferry
R.R. crossings, Tunnel
Ford, Dam
School or Church Cemeteries
Mine or Quarry Mine dumps Made land
Bluff, Escarpment, Rock outcrop and Triangulation station
Stony and Gravelly areas
Soil boundaries
Boundary lines (State, County)
Boundary lines (Land Grant, City or Village)
Boundary lines (Civil Township, Reservation)
U.S. township and section lines

RELIEF
(Printed in brown or black)

Contours Depression contours
Prominent Hills Mountain Peaks
Sand, Wash, and Sand dunes
Shore and Low-water line, Sandbar

DRAINAGE
(Printed in blue)

Streams
Lakes, Ponds, Intermittent lakes
Intermittent Streams
Springs, Canals and Ditches, Flumes
Swamp Salt marshes
Submerged marsh Tidal flats

Electric Power Lines

The above signs are in current use on the soil maps. Variations from this usage appear in some maps of earlier dates.

Macy H. Lapham, Inspector, Western Division.
Soils surveyed by E. B. Watson, of the U.S. Department of Agriculture, in charge, and Walter C. Dean, C. J. Zinn, and R. L. Pendleton, of the University of California.

1 ½ 0 1 2 3 4 Miles
Scale 1 inch = 1 mile

SNYDER & BLACK, N.Y.

Field Operations
Bureau of Soils
1915